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MONTHLY WEATHER REVIEW

VOLUME 79

1951

U. S. DEPARTMENT OF COMMERCE · WEATHER BUREAU

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REGULAR MONTHLY WEATHER SURVEY

Charts I–III and VI–XV in each issue of the Review, January to December inclusive; Charts IV and V, A and B, in each issue January–March and November–December, inclusive:

Chart I. A. Average Temperature at Surface. B. Departure of Average Temperature from the Normal.

Chart II. Total Precipitation.

Chart III. A. Departure of Precipitation from Normal. B. Percentage of Normal Precipitation.

Chart IV. Total Snowfall.

Chart V. A. Percentage of Normal Snowfall. B. Depth of Snow on Ground.

Chart VI. A. Percentage of Sky Cover Between Sunrise and Sunset. B. Percentage of Normal Sky Cover Between Sunrise and Sunset.

Chart VII. A. Percentage of Possible Sunshine. B. Percentage of Normal Sunshine.

Chart VIII. Average Daily Values of Solar Radiation and Percentage of Normal.

Chart IX. Tracks of Centers of Anticyclones at Sea Level.

Chart X. Tracks of Centers of Cyclones at Sea Level.

Chart XI. Average Sea Level Pressure and Surface Windroses. Departure of Average Pressure from Normal.

Chart XII. Average Dynamic Height and Average Temperature at 850-mb. Pressure Surface, and Resultant Winds at 1,500 Meters.

Chart XIII. Average Dynamic Height and Average Temperature at 700-mb. Pressure Surface, and Resultant Winds at 3,000 Meters.

Chart XIV. Average Dynamic Height and Average Temperature at 500-mb. Pressure Surface, and Resultant Winds at 5,000 Meters.

Chart XV. Average Dynamic Height and Average Temperature at 300-mb. Pressure Surface, and Resultant Winds at 10,000 Meters.

In addition to the Charts I–XV the survey consists of two monthly articles:

1. A discussion of the month's weather, including an interpretation of Charts I–XV in relation to mean circulation patterns of the Northern Hemisphere.
2. A discussion of an outstanding weather situation of the month, including an analysis and interpretation of the meteorological features shown by synoptic weather charts.

NOTICE

The Weather Bureau desires that the MONTHLY WEATHER REVIEW shall be a medium of publication for contributions within the field, but such publication is not to be construed as official approval of the views expressed.

CORRECTIONS

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Vol. 79, p. 18: In paragraph 1 under The Weather, the sentence beginning in line 10 should read: "In addition, average cloudiness in those areas exceeded 60 percent (Chart VI–A) as well as the seasonal normal (Chart VI–B), sunshine was less than half of the maximum (Chart VII–A) and generally subnormal (Chart VII–B), and there was . . ."

Vol. 79, p. 19: New title for Chart VI given in Notice of Change in Climatological Charts should read "Percentage of Sky Cover Between Sunrise and Sunset".

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Vol. 79, p. 123: In table 2, lower left section, last heading on right should read "Total" instead of "Rain".

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